

Garant
GARANT Master Alu solid carbide milling cutter HPC, uncoated, Ø DC: 10 mm

Order data

Order number	202470 10
GTIN	4062406245597
Item class	11X

Description
Version:
Extra sharp cutting edges.

Dimensions similar to DIN 6527.

Double relief ground side clearance angle.

For roughing and finishing. Up to 2×D into solid material at very high feed rates and smooth cutting action.

Note:
Successor product to No. 202480.

Tolerance nominal Ø: h6

No. of teeth Z: 4

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length L_c : 25 mm

Overhang length L_1 incl. recess: 30 mm

Recess Ø D_1 : 9.2 mm

Overall length L: 72 mm

Shank Ø D_s : 10 mm

Technical description

No. of teeth Z	4
Feed f_z for slot milling in short-chipping aluminium	0.09 mm
Overall length L	72 mm

Recess $\varnothing D_1$	9.2 mm
Shank $\varnothing D_s$	10 mm
Tolerance nominal \varnothing	h6
Shank	DIN 6535 HA to h6
Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in short-chipping aluminium	0.12 mm
Cutting edge $\varnothing D_c$	10 mm
Overhang length L_1 incl. recess	30 mm
Helix angle	38 degrees
Flute length L_c	25 mm
Corner chamfer angle	90 degrees
Series	GARANT Master Alu
Coating	uncoated
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB